Amendment to the Claims:

1. (Currently amended) A magnetic-tape cartridge, comprising:

a cartridge case having orthogonal walls in parallelepiped configuration and a slanted wall between two of the orthogonal walls, the slanted wall recessed with respect to one of the orthogonal walls; and

a memory device connected to an antenna capable of communication through a magnetic field propagated from the slanted wall along a plurality of transmission axes.

2. (Original) The cartridge of Claim 1, wherein said antenna is positioned at about 45 degrees with respect to said two of the orthogonal walls of the case.

3. (Original) The cartridge of Claim 1, wherein said slanted wall connects a rear wall and a bottom wall of the case.

4. (Original) The cartridge of Claim 2, wherein said slanted wall connects a rear wall and a bottom wall of the case.

5. (Original) The cartridge of Claim 1, wherein said antenna is adjacent to an interior surface of the slanted wall.

6. (Original) The cartridge of Claim 4, wherein said antenna is adjacent to an interior surface of the slanted wall.

7. (Original) The cartridge of Claim 1, wherein said antenna is adjacent to an exterior surface of the slanted wall.

8. (Original) The cartridge of Claim 6, wherein said antenna is adjacent to an exterior surface of the slanted wall.

9. (Original) The cartridge of Claim 1, wherein said slanted wall connects a rear wall and a side wall of the case.

10. (Original) The cartridge of Claim 2, wherein said slanted wall connects a rear wall and a side wall of the case.

11. (Currently amended) A system for communicating with a memory chip in a magnetic-tape cartridge, comprising:

a case for said cartridge having orthogonal walls in parallelepiped configuration and a slanted wall between two of the orthogonal walls;

a chip antenna connected to said memory ~~device~~ chip and alternatively disposed on an exterior surface of the slanted wall or integrated into the slanted wall, the chip antenna ~~and~~ capable of communication through a magnetic field propagated from the slanted wall; and

a reading antenna connected to an external reading device in magnetic-field communication with the chip antenna.

12. (Original) The system of Claim 11, wherein said reading antenna in operation is positioned within a space demarcated by a corner defined by an intersection between planes extending from said two of the orthogonal walls.

13. (Original) The system of Claim 11, wherein said chip antenna is positioned at about 45 degrees with respect to said two of the orthogonal walls of the case.

14. (Original) The system of Claim 11, wherein said slanted wall is placed between a rear wall and a bottom wall of the case.

15. (Original) The system of Claim 11, wherein said chip antenna is adjacent to an interior surface of the slanted wall.

16. (Original) The system of Claim 11, wherein said chip antenna is adjacent to an exterior surface of the slanted wall.

17. (Original) The system of Claim 16, further including a protective coating over the chip antenna.

18. (Currently amended) A method for transmitting data between a memory device in a magnetic-tape cartridge and an external reading device, comprising the steps of:

providing a cartridge case having orthogonal walls in parallelepiped configuration and a slanted wall between two of said orthogonal walls, the slanted wall recessed with respect to one of said orthogonal walls;

connecting the memory device to a chip antenna capable of communication through a magnetic field propagated from the slanted wall;

providing a reading antenna connected to an external reading device in magnetic-field communication with the chip antenna; and

transmitting data between said chip and reading antennas through said magnetic field propagated from the slanted wall.

19. (Original) The method of Claim 18, wherein said reading antenna is positioned within a space demarcated by a corner defined by an intersection between planes extending from said two of the orthogonal walls.

20. (Original) The method of Claim 18, wherein said chip antenna is positioned at about 45 degrees with respect to said two of the orthogonal walls.

21. (Original) The method of Claim 18, wherein said slanted wall is placed between a rear wall and a bottom wall of the case.

22. (Original) The method of Claim 18, wherein said chip antenna is adjacent to an interior surface of the slanted wall.

23. (Original) The method of Claim 18, wherein said chip antenna is adjacent to an exterior surface of the slanted wall